PATENT APPLICATION (DETERMINATION RECORD Effective JANUARY 2003 CLAIMS AS FILED - PART I SMALL ENTITY OTHER THAN (Column 1) (Column 2) TYPE TOTAL CLAIMS SMALL ENTITY OR RATE FEE RATE FEE FOR иймвен нидо NUMBER EXTRA BASIC FEE 375:00 OR BASIC FEE 190.00 TOTAL CHARGEABLE CLAIMS annus 20 X\$ 9: X\$18: INDEPENDENT CLAIMS minus 3 K42. MULTIPLE DEPENDENT CLAIM PRESENT X86 OR 4140:: If the difference in column 1 is less than zero, enter "0" in column 2 +280= OR. TOTAL OR: TOTAL CLAIMS AS AMENDED - PART II OTHER THAN (Column 1) (Column 2) (Column 3) SMALL ENTITY ŌΠ SMALL ENTITY CLAIMS HIGHEST REMAINING AMENDMENT NUMBER ADDI-PRESENT ADDI-AFTER PREVIOUSLY RATE TIONAL **EXTRA** AMENDMENT RATE TIONAL PAID FOR FEE FEE Total Minus X\$ 9= X\$18= OR Independent Minus 444 FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM X42= X86 =OR +140= +280= OR TOTAL TOTAL OR ADDIT FEE ADDIT, FEE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST REMAINING NUMBER ADDI-AMENDMENT PRESENT ADDI-AFTER PREVIOUSLY RATE **EXTRA** TIONAL AMENDMENT RATE TIONAL PAID FOR FEE FEE Total Minus X\$ 9= X\$18= Independent OR Minus FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM X42= X86 = OR +140= +280= OR TOTAL TOTAL OR ADDIT FEE! ADDIT FEE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST REMAINING NUMBER ADDI-AMENDMENT PRESENT ADDI-AFTER PREVIOUSLY **EXTRA** RATE TIONAL RATE AMENDMENT TIONAL PAID FOR FEE FEE Total Minus X\$ 9= X\$18= OR Independent Minus FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM X42= X86 OR +140= +280= If the entry in column 1 is less than the entry in column 2, write "0" in column 3. OR ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter *20." TOTAL TOTAL the 'Highest Number Previously Paid For' IN THIS SPACE is less than 3, enter '3." ADDIT, FEE ADDIT, FEE The "Highest Number Previously Paid For" (Total or Independent) Is the highest number found in the appropriate box in column 1.

L'Application or Decket Number

Application or Docket Number PATENT APPLICATION FEE DETERMINATION RECORD Effective December 29, 1999 570652 **CLAIMS AS FILED - PART I SMALL ENJITY** OTHER THAN (Column 1) (Column 2) TYPE () **SMALL ENTITY** OR **FOR** NUMBER FILED **NUMBER EXTRA RATE** FEE RATE FEE **BASIC FEE** 345.00 690.00 OR **TOTAL CLAIMS** minus 20= X\$ 9= X\$18=08 OR INDEPENDENT CLAIMS minus 3 =X39= X78 =OR MULTIPLE DEPENDENT CLAIM PRESENT. +130= +260= OR * If the difference in column 1 is less than zero, enter "0" in column 2 TOTAL OR TOTAL CLAIMS AS AMENDED - PART II OTHER THAN SMALL ENTITY OR **SMALL ENTITY** (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST ADDI-ADDI-REMAINING NUMBER PRESENT RATE TIONAL **RATE** TIONAL AFTER **PREVIOUSLY EXTRA** AMENDMENT PAIDFOR **FEE** FEE Total Minus X\$ 9= X\$18=OR Independent Minus = X39= X78 =OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +130= +260= OR TOTAL. TOTAL OR ADDIT. FEE ADDIT. FEE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST ADDI-ADDI-REMAINING NUMBER PRESENT **RATE** TIONAL **RATE** TIONAL **AFTER PREVIOUSLY EXTRA AMENDMENT** PAID FOR **FEE** FEE Total Minus X\$ 9= X\$18= OR Independent Minus X39 =X78= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +130= +260= OR TOTAL TOTAL OR ADDIT. FEE ADDIT. FEE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST ADDI-ADDI-REMAINING NUMBER **PRESENT PREVIOUSLY AFTER** RATE TIONAL **EXTRA** RATE TIONAL **AMENDMENT** PAID FOR FEE FEE Total Minus X\$ 9= X\$18= OR-Independent Minus X39 =X78= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM

If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."

***If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

AMENDMENT

ENT

AMENDM

MENDMENT

OR

+260=

ADDIT. FEE

TOTAL

+130=

ADDIT. FEE

TOTAL